

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	nelson.xa. and silverbrook and timer	USPAT	OR	OFF	2007/03/08 10:44
L2	0	("20030156832").PN.	USPAT	OR	OFF	2007/03/08 10:44
L3	2	("20030156832").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:43
L4	29	(US-20060233543-\$ or US-20030156832-\$ or US-20040228626-\$ or US-20040076420-\$ or US-20040206177-\$).did. or (US-5086312-\$ or US-7013081-\$ or US-6978089-\$ or US-5765049-\$ or US-5715482-\$ or US-5223873-\$ or US-5774749-\$ or US-7167644-\$ or US-4669848-\$ or US-5696634-\$ or US-4789875-\$ or US-6366323-\$ or US-6031998-\$ or US-5056903-\$ or US-4763145-\$ or US-5082360-\$ or US-6711349-\$ or US-4937609-\$ or US-4643554-\$ or US-6771438-\$ or US-6704151-\$ or US-6091552-\$ or US-6002534-\$ or US-5546644-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:10
L5	61	(US-20060233543-\$ or US-20030156832-\$ or US-20040228626-\$ or US-20040076420-\$ or US-20040206177-\$).did. or (US-5086312-\$ or US-7013081-\$ or US-6978089-\$ or US-5765049-\$ or US-5715482-\$ or US-5223873-\$ or US-5774749-\$ or US-7167644-\$ or US-4669848-\$ or US-5696634-\$ or US-4789875-\$ or US-6366323-\$ or US-6031998-\$ or US-5056903-\$ or US-4763145-\$ or US-5082360-\$ or US-6711349-\$ or US-4937609-\$ or US-4643554-\$ or US-6771438-\$ or US-6704151-\$ or US-6091552-\$ or US-6002534-\$ or US-5546644-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 13:00
L6	1	5 and revolv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 12:44

## EAST Search History

L7	29	(US-20060233543-\$ or US-20030156832-\$ or US-20040228626-\$ or US-20040076420-\$ or US-20040206177-\$).did. or (US-5086312-\$ or US-7013081-\$ or US-6978089-\$ or US-5765049-\$ or US-5715482-\$ or US-5223873-\$ or US-5774749-\$ or US-7167644-\$ or US-4669848-\$ or US-5696634-\$ or US-4789875-\$ or US-6366323-\$ or US-6031998-\$ or US-5056903-\$ or US-4763145-\$ or US-5082360-\$ or US-6711349-\$ or US-4937609-\$ or US-4643554-\$ or US-6771438-\$ or US-6704151-\$ or US-6091552-\$ or US-6002534-\$ or US-5546644-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2007/03/08 13:00
L8	9	("4214829"   "4482228"   "4525050"   "4536068"   "4725864"   "4887107"   "5005038"   "5086312"   "5548446"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 13:08
L10	7	("3887930"   "3890626"   "4099191"   "4110005"   "4119983"   "4204760"   "4277158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 13:09
L11	7	("3887930"   "3890626"   "4099191"   "4110005"   "4119983"   "4204760"   "4277158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 13:10
L12	10	("4482228").URPN.	USPAT	OR	OFF	2007/03/08 14:05
L13	0	"20040189852" and shutter with rear	USPAT	OR	OFF	2007/03/08 14:05
L14	1	"20040189852" and shutter with rear	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:09
L15	0	"20030156832" and focus\$4 with l3 with shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
L16	0	"20030156832" and l3 with shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
L17	0	"20030156832" and focus\$4 with shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
L18	2	"20030156832"	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
L19	1	"20030156832" and focus\$4 same shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
L20	0	4 and electrooptical	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:25
L21	0	4 and electronic near3 shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:25
L22	856	electro\$1optic\$3 near4 shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:27

## EAST Search History

L23	1	22 same barrel	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:26
L24	5029	liquid near3 crystal near4 shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:27
L25	8175	liquid near3 crystal near4 shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:27
L26	0	25 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:28
L27	18	25 same barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:29
L29	1043	lcd near3 shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:30
L30	40	29 and barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:30
L31	3	29 same barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:31

## EAST Search History

L32	2712	optical near2 shutter and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:31
L33	270	electro\$1optical near2 shutter and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:32
L34	177	33 not tsikos not knowles not zhu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:38
L35	2	electro-optical near2 shutter with advantage and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 14:45
L36	131	shutter with speed with control\$4 with advantage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 15:04
L37	35	shutter with speed with control\$4 with advantage	USPAT	OR	ON	2007/03/08 15:28
L38	10	4 and push\$3	USPAT	OR	ON	2007/03/08 15:37
L39	21	4 and (engag\$4 or tapp\$3)	USPAT	OR	ON	2007/03/08 15:47
L40	96	396/73.ccls.	USPAT	OR	ON	2007/03/08 15:47
L41	79	40 not nomura.in.	USPAT	OR	ON	2007/03/08 15:52
L42	300	396/349.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 15:52
L43	306	396/72.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 15:52
L44	194	43 not nomura.in.	USPAT	OR	ON	2007/03/08 15:52
L45	189	43 not nomura.in. not 40	USPAT	OR	ON	2007/03/08 15:54
L46	71	396/75.ccls.	USPAT	OR	ON	2007/03/08 15:54

## EAST Search History

L47	77	396/350.ccls.	USPAT	OR	ON	2007/03/08 15:54
L48	71	396/75.ccls.	USPAT	OR	ON	2007/03/08 15:54
L49	68	396/343.ccls.	USPAT	OR	ON	2007/03/08 15:54
L50	198	396/348.ccls.	USPAT	OR	ON	2007/03/08 16:15
L51	0	(GOSHIYO with NATSUO).in.	USPAT	OR	ON	2007/03/08 16:16
L52	2	(GOSHIYO with NATSUO).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 16:45
L53	50	396/270.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:10
L54	481	348/340.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:11
L55	896	348/373.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:11
L56	361	348/374.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:11
L57	480	348/375.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:11
L58	539	359/824.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:11
L59	1092	359/823.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:13
L60	315	359/814.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:12
L61	1092	359/823.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:12
L63	294	359/704.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:15
L64	187	396/341.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:22
L65	519	"358"/\$.ccls. and barrel	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:22
L66	352	"358"/\$.ccls. and barrel	USPAT	OR	OFF	2007/03/08 17:23
L67	242	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in.	USPAT	OR	OFF	2007/03/08 17:24

## EAST Search History

L68	2714	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 17:25
L69	160	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in. and barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 17:26
S1	3	"20040085460".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 16:06
S2	5	"6650361"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 16:08
S3	1	10/218446	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 16:09
S4	1	08/834221	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13
S5	67	(nelson with hernandez).xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13
S6	2	S5 and jacob\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:14

## EAST Search History

S7	28	("20010005429"   "20020001409"   "20020130957"   "20030052981"   "4630307"   "5008739"   "5365604"   "5652621"   "5751361"   "5808674"   "5832143"   "6034724"   "6075889"   "6091862"   "6229578"   "6289137"   "6404918"   "6507364"   "6528181"   "6563537"   "6567192"   "6570616"   "6781626"   "6791609"   "6803965"   "6819363"   "6924839"   "6933970").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:16
S8	5	S7 and defect\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:52
S9	1	10/693930	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:34
S10	1	("20030156832").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:35

## EAST Search History

S11	133	(("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "0042089" "0042090" "0042091" "0042092" "0042093" "0042095" "0042096" "0042775" "0042776" "0042777" "0042778" "0051967" "0051968" "0051969" "0051970" "0051971" "0051972" "0051981" "0062536" "0062537" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5548446" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6711349" "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:35
S12	44	("5086312").URPN.	USPAT	OR	OFF	2007/03/06 09:44



## EAST Search History

S13	101	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040091253"   "20040141735"   "20040141736"   "20040141737"   "20040151490"   "20050207748"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5548446"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489"   "6965733"   "6990291").PN. OR ("7167644").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:45
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## EAST Search History

S14	95	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040042902"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5548446"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:47
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## EAST Search History

S15	95	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040042902"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5548446"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:00
S16	44	("4214829"   "4482228"   "4525050"   "4536068"   "4725864"   "4887107"   "5005038"   "5086312"   "5548446"). PN. OR ("5765049").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:08

## EAST Search History

S17	93	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:10
S18	54	S17 not nomura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:10
S19	71	("2995061"   "3002422"   "3194139"   "3212422"   "3260184"   "4161756"   "4199983"   "4284337"   "4413893"   "4445757"   "4525050"   "4602867"   "4768066"   "4990945").PN. OR ("5223873").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:39
S20	3	"6094534"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:42
S21	346	396/349.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:47

## EAST Search History

S22	3	("20030156832" "4597657" "4669848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:47
S23	23	("4669848").URPN.	USPAT	OR	OFF	2007/03/06 10:50
S24	41	("4803557"   "4961115"   "5557327"   "5706051"   "6031998").PN. OR ("6366323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:07
S25	43	("5444485"   "5627589"   "5673083"   "5731834"   "5765060").PN. OR ("6031998").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:14
S26	8	S25 not nomura	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:17
S27	93	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:04

## EAST Search History

S28	840	camera and lens near4 bellow\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:06
S29	57	camera and lens near4 bellow\$4 same retract\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:07
S30	17	("3877047"   "4289390"   "4375323"   "4547053"   "4662734"   "4666274"   "4763145").PN. OR ("5056903").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:08
S31	22	("1131712"   "4653883").PN. OR ("4763145").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:20
S32	154	359/379.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:21
S33	10	lens near3 group with outside with optical near3 path	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:23
S34	18	("4015895"   "4146305"   "4240697"   "4318592"   "4330180").PN. OR ("5082360").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:23
S35	187	lens near3 group with outside with optical near3 axis	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:24

## EAST Search History

S36	95	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040042902"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5548446"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:34
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## EAST Search History

S37	95	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040042902"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5548446"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:34
S38	29	("2289133"   "2741965"   "2869445"   "2960018"   "4104663"   "4119983"   "4176930"   "4214829"   "4264172"   "4264174"   "4482228"   "4525050"   "4725864"   "4871238"   "4937609"   "5005038"   "5047792"   "5216549"   "5765049"   "6222997"   "6226460"   "6282377"   "6449430"   "6466740"   "RE34453").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:39
S39	44	("4643554").PN. OR ("4937609"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:50
S40	14	S39 not nomura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 16:49



## EAST Search History

S41	108	radial\$4 near4 mov\$3 with lens near2 group	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 16:50
S42	4	("5490015"   "5576894"   "6002534"). PN. OR ("6091552").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 16:56
S43	195047	"348" /335.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 16:57
S44	227436	"348" /335.ccls. and optical near3 (axis or path) near4 outside	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:57
S45	24	348/335.ccls. and optical near3 (axis or path) near4 outside	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:58
S46	806	348/335.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 17:02
S47	78	348/344.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:25
S48	0	(nelsn with hernandez).xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:25
S49	67	(nelson with hernandez).xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:47
S50	1	10/694089	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 16:02
S51	7	mem with distance with plate same acceler\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 16:02
S52	13	mem with distance with plate same acceler\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:04
S53	1	mem\$1 same distance with (plate or cantilever) with deform\$4 same acceler\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:05

## EAST Search History

S54	3	mem\$1 same distance with (plate or cantilever) same deform\$4 same acceler\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:06
S55	14	mem\$1 same distance with (plate or cantilever) same deform\$4 and acceler\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:06
S56	3	accelerometer same plate with distance and deform\$4 with plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:07
S57	4	accelerometer with distance and deform\$4 with plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:09
S58	55	accelerometer with distance with plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:11
S59	1062	acceler\$6 with distance with plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:11
S60	45	acceler\$6 with distance with plate and deform\$4 with plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:26
S61	5	"5627315"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:27

## EAST Search History

S62	17	cantilever with deform same acceler\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:28
S63	77	cantilever with deform\$4 same acceler\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:27
S64	1	cantilever with deform same acceler\$6 same distance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:28
S65	1	lever with deform same acceler\$6 same distance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:29
S66	3	holder with deform same acceler\$6 same distance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:29
S67	44	accelerometer same distance same deform\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:29
S68	11	("4379401").URPN.	USPAT	OR	OFF	2007/03/07 16:32
S69	21	"4829822"	USPAT	OR	OFF	2007/03/08 10:13